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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 38586-B/JPW/ADM		Serial No. Not Yet Known	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Linda B. Buck and Richard Axel		Group Art Unit	
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U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
2		0 3 3 5 6 5 4	10/4/89	EPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
2		Anholt, R.H. (1991) Odor recognition and olfactory transduction: the new frontier. Chemical Senses 16(5):421-427.					
2		Buck, L. and Axel, R. (1991) A novel multigene family may encode odorant receptors: a molecular basis for odor recognition. Cell 65: 175-187.					
2		Dancigier, E. et al. (1989) Olfactory marker protein gene: its structure and olfactory neuron-specific expression in transgenic mice. Proc. Nat. Acad. Sci. 86:8565-8569.					
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2		Firestein, S. (1991) A noseful of odor receptors. Trends in Neuroscience (14)7: 270-272.					
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2		Getchell T. V. (1988) Induction of odorant-evoked current transients in Xenopus oocyte injected with mRNA isolated from the mucosa of Rana pipiens. Neuroscience Letters 91(2): 217-221.					
EXAMINER		DATE CONSIDERED					
John Ull		7-11-02					
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Linda B. Buck and Richard Axel
U.S. Serial No.: Not Yet Known
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Exhibit A

Form PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 38586-B/JPW/ADM	U.S. Serial No. Not Yet Known
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
✓	Graziadei, P.P.C. and Graziadei M. G.A. (1979) Neurogenesis and neuron regeneration in the olfactory system of mammals. I. Morphological aspects of differentiation and structural organization of the olfactory sensory neurons. Journal of Neurocytology 8(1): 1-18.		
✓	Hamm, H.E., Deretic, D., Arendt, A., Hargrove, P.A., Koenig, B., and Hofmann, K.P. (1988) Site of G protein binding to rhodopsin mapping with synthetic peptides to the α subunit. Science 241: 832-835.		
✓	Hood, L. et al. (1985) T cell antigen receptors and the immunoglobulin supergene family. Cell 40: 225-229.		
✓	Jones, D.T. and Reed, R.R. (1989) G_{olf} : an olfactory neuron specific-G-protein involved in odorant signal transduction. Science 244: 790-795.		
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✓	Nathans, J. et al. (1986) Molecular Genetics of Human color vision: The genes encoding blue, green and red pigments; Science (1986 Apr 11) 232(4747): 193-202.		
✓	Novoselov, V.I. et al. (1987) The properties of receptor molecules from rat olfactory epithelium. Sensory Systems 1(1): 1-7.		
✓	O'Dowd, B.F., Felkowitz, R.J., and Caron, M.G. (1989) Structure of the adrenergic and related receptors. Ann. Rev. Neurosci. 12: 67-83.		
✓	Pace, U. et al. (1985) Odorant-sensitive adenylate cyclase may mediate olfactory reception. Nature 316: 255-258.		
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2		Parmentier, M. et al. (1992) Expression of members of the putative olfactory receptor gene family in mammalian germ cells. Nature 355: 453-455.			
✓		Pevsner, J. et al. (1985) Isolation and characterization of an olfactory receptor protein for odorant pyrazines. Proc. Natl. Acad. Sci. USA 82: 3050-3054.			
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2		Selbie L.A. et al. (1992) Novel G protein-coupled receptors: a gene family of putative human olfactory receptor sequences. Brain Research: Molecular Brain Research 13(1-2): 159-163.			
✓		Sicard, G. (1985) Olfactory discrimination of structurally related molecules: receptor cell responses to camphoraceous odorant. Brain Res. 326: 203-212.			
2		Sklar, P.B. et al. (1986) The odorant-sensitive adenylate cyclase of olfactory receptor cells: Differential stimulation by distinct classes of odorant. J. Biol. Chem. 261: 15538-15543.			
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✓		Thommesen, G. and Doving, K.B. (1977) Spatial Distribution of the EOG in the rat. A variation with odour stimulation. Acta Physiol. Scand. 99: 270-280.			
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